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*Committee on the Environment, Public Health and Food Safety*

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**2012/0074(NLE)**

22.1.2013

# **CONSOLIDATED AMENDMENTS**

## **1 - 9**

**Draft report**  
**Michèle Rivasi**  
(PE489.702v02)

requirements for the protection of the health of the general public with regard to radioactive substances in water intended for human consumption

Proposal for a directive  
(COM(2012)0147 – C7-0105/2012 – 2012/0074(NLE))

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## Amendment 1

**Miroslav Mikolášik**

on behalf of the PPE Group

**Claudiu Ciprian Tănăsescu**

on behalf of the S&D Group

**Vladko Todorov Panayotov**

on behalf of the ALDE Group

**Michèle Rivasi**

on behalf of the Verts/ALE Group

**Anna Rosbach**

on behalf of the ECR Group

**Sabine Wils**

on behalf of the GUE/NGL Group

Consolidated amendment replacing Amendments 4, 41, ITRE 1

## Proposal for a directive

### Recital 1

#### *Text proposed by the Commission*

(1) The ingestion of water is one of the pathways of incorporation of **radioactive** substances into the human body. In accordance with Council Directive 96/29/Euratom of 13 May 1996 laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionizing radiation, the contribution to the exposure of the population as a whole from practices which involve a risk from ionizing radiation must be kept as low as **reasonably achievable**

#### *Amendment*

1) The ingestion of water is one of the pathways of incorporation of **harmful** substances into the human body. **Ingestion of radioactive isotopes or radionuclides can lead to a number of health problems.** In accordance with Council Directive 96/29/Euratom of 13 May 1996 laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionizing radiation, the contribution to the exposure of the population as a whole, **taking into account long-term cumulative exposure**, from practices which involve a risk from ionizing radiation must be kept as low as **possible**.

Or. en

## Amendment 2

**Miroslav Mikolášik**

on behalf of the PPE Group

**Claudiu Ciprian Tănăsescu**

on behalf of the S&D Group

**Vladko Todorov Panayotov**

on behalf of the ALDE Group

**Michèle Rivasi**

on behalf of the Verts/ALE Group

**Sabine Wils**

on behalf of the GUE/NGL Group

Consolidated amendment replacing Amendments 8, 49

## **Proposal for a directive**

### **Recital 5**

*Text proposed by the Commission*

5) The provisions of this Directive adopted under the *Euratom* Treaty *should supersede those of the* Directive 98/83/EC *as regards the contamination of* drinking water *by radioactive substances*.

*Amendment*

(5) ***This*** Directive adopted under the Treaty ***on the Functioning of the European Union updates the indicator parameters set out in Part C of Annex I to*** Directive 98/83/EC, ***and lays down rules on the monitoring of the presence of radioactive substances in*** drinking water.

Or. en

### **Amendment 3**

**Miroslav Mikolášik**

on behalf of the PPE Group

**Claudiu Ciprian Tănăsescu**

on behalf of the S&D Group

**Vladko Todorov Panayotov**

on behalf of the ALDE Group

**Michèle Rivasi**

on behalf of the Verts/ALE Group

**Anna Rosbach**

on behalf of the ECR Group

**Sabine Wils**

on behalf of the GUE/NGL Group

Consolidated amendment replacing Amendments 50, 51, ITRE 3

## **Proposal for a directive**

### **Recital 6**

*Text proposed by the Commission*

(6) In the event of non-compliance with a parameter that has an indicator function, the Member State concerned should ***assess***

*Amendment*

(6) In the event of non-compliance with a parameter that has an indicator function, the Member State concerned should ***be***

*whether that non-compliance poses any risk to human health and, where necessary, take remedial action to restore the quality of the water.*

*bound to determine the cause thereof, to assess the level of the risk to human health including in the long-term and the possibilities for intervention and, on the basis of these findings, take action to ensure the water supply complies with the quality criteria laid down in this directive as soon as possible. This necessary remedial action may go as far as shutting down the facility concerned if the quality of water requires such action. Priority should be given to action which rectifies the problem at source. Consumers should be informed immediately of the risks, the measures already taken by the authorities and the time necessary for the remedial action to take effect.*

Or. en

#### **Amendment 4**

**Miroslav Mikolášik**

on behalf of the PPE Group

**Claudiu Ciprian Tănăsescu**

on behalf of the S&D Group

**Vladko Todorov Panayotov**

on behalf of the ALDE Group

**Michèle Rivasi**

on behalf of the Verts/ALE Group

**Anna Rosbach**

on behalf of the ECR Group

**Sabine Wils**

on behalf of the GUE/NGL Group

Consolidated amendment replacing Amendments 10, 52, ITRE 4

#### **Proposal for a directive**

##### **Recital 7**

*Text proposed by the Commission*

(7) Consumers *should* be *adequately* and appropriately informed of the quality of water intended for human consumption.

*Amendment*

(7) Consumers *shall* be *fully* and appropriately informed of the quality of water intended for human consumption *via easily accessible publications. Updated information regarding areas at risk from potential sources of radioactive*

*contamination, as well as regional water quality, shall be made available to consumers at all times by local administrations.*

Or. en

#### **Amendment 5**

**Miroslav Mikolášik**

on behalf of the PPE Group

**Claudiu Ciprian Tănăsescu**

on behalf of the S&D Group

**Vladko Todorov Panayotov**

on behalf of the ALDE Group

**Michèle Rivasi**

on behalf of the Verts/ALE Group

**Anna Rosbach**

on behalf of the ECR Group

**Sabine Wils**

on behalf of the GUE/NGL Group

Consolidated amendment replacing Amendments 16, 56, ITRE 11

#### **Proposal for a directive**

#### **Article 4 - paragraph 1**

##### *Text proposed by the Commission*

***Without prejudice to the provisions laid down in Article 6(3)a of Directive 96/29/Euratom,*** Member States shall take all measures necessary to establish an appropriate monitoring programme to ensure that water intended for human consumption complies with the parametric values established in accordance with this Directive.

##### *Amendment*

***1. Member States shall take all measures necessary to establish an appropriate monitoring programme to ensure that water intended for human consumption complies with the parametric values established in accordance with this Directive. A guide of best practices shall be provided to the Member States.***

***2. Member States shall ensure that the measures taken to implement this Directive will, under no circumstances, have the effect of allowing, either directly or indirectly, any deterioration in the present quality of water intended for human consumption or any increase in the pollution of waters used for the production of drinking water.***

**Amendment 6**

**Miroslav Mikolášik**

on behalf of the PPE Group

**Claudiu Ciprian Tănăsescu**

on behalf of the S&D Group

**Vladko Todorov Panayotov**

on behalf of the ALDE Group

**Michèle Rivasi**

on behalf of the Verts/ALE Group

**Anna Rosbach**

on behalf of the ECR Group

**Sabine Wils**

on behalf of the GUE/NGL Group

Consolidated amendment replacing Amendments 17, 62, 63, ITRE 12

**Proposal for a directive**

**Article 6 - paragraph 1**

*Text proposed by the Commission*

Member States shall ensure regular monitoring of water intended for human consumption in accordance with Annex II in order to check that the concentrations of radioactive substances do not exceed the parametric values laid down in accordance with Article 5.

*Amendment*

Member States shall ensure regular ***and accurate*** monitoring of water intended for human consumption in accordance with Annex II in order to check that the concentrations of radioactive substances do not exceed the parametric values laid down in accordance with Article 5. ***Monitoring shall take account of the long-term cumulative exposure of the population and shall be conducted as part of the checks referred to in Article 7 of Directive 98/83/EC on the quality of drinking water intended for human consumption. It shall include reference analyses aimed at establishing the radioactive content of the water and optimising the analysis strategy and periodic analyses in accordance with the methods set out in Annex III. The monitoring frequency for periodic analyses may be adapted through a risk-based approach, based on the results of reference analyses which shall be mandatory in all cases. In such cases, Member States shall communicate both***

*the grounds for their decision and the results of the reference analyses concerned to the Commission and make them available to the public.*

Or. en

#### **Amendment 7**

**Miroslav Mikolášik**

on behalf of the PPE Group

**Claudiu Ciprian Tănăsescu**

on behalf of the S&D Group

**Vladko Todorov Panayotov**

on behalf of the ALDE Group

**Michèle Rivasi**

on behalf of the Verts/ALE Group

**Sabine Wils**

on behalf of the GUE/NGL Group

Consolidated amendment replacing Amendments 69, 70, ITRE 15

#### **Proposal for a directive**

#### **Article 9 - paragraph 2**

##### *Text proposed by the Commission*

2. Where a failure to comply with the parametric values ***laid down in accordance with Article 5 occurs***, the Member State shall assess ***whether the failure poses a risk to human health. In the event that there is such a risk***, the Member State shall take ***remedial*** action to ***restore*** the quality ***of the water***.

##### *Amendment*

2. Where ***there is*** a failure to comply with the parametric values ***defined for radon and for the total indicative dose (TID) from natural sources***, the Member State shall ***immediately*** assess ***the level of the risk to human health and the possibilities for intervention, taking into account the local conditions. On the basis of these findings***, the Member State shall take action ***to ensure the water supply complies with the quality criteria laid down in this directive***.

***Where there is a failure to comply with the parametric values defined for tritium and for the TID originating from human activities, the Member State shall ensure that the investigation which is to be launched immediately establishes the nature, scale and dosimetric impact of the pollution. That investigation shall take into account all the environments liable to***



*be affected and all exposure pathways. The Member State shall ensure that the necessary corrective action is taken to ensure that the water again meets the parametric values. Solutions should be centred on tackling the pollution at source. The necessary remedial action may go as far as shutting down the facility concerned if the water quality requires such action. The Member State shall ensure that the costs of remedial action are borne by the polluter.*

Or. en

#### **Amendment 8**

**Miroslav Mikolášik**

on behalf of the PPE Group

**Claudiu Ciprian Tănăsescu**

on behalf of the S&D Group

**Vladko Todorov Panayotov**

on behalf of the ALDE Group

**Michèle Rivasi**

on behalf of the Verts/ALE Group

**Anna Rosbach**

on behalf of the ECR Group

**Sabine Wils**

on behalf of the GUE/NGL Group

Consolidated amendment replacing Amendments 20, 71, 72, ITRE 16

#### **Proposal for a directive**

#### **Article 9 - paragraph 3**

##### *Text proposed by the Commission*

3. Where the risk to human health cannot be regarded as trivial, the Member State shall ensure that consumers are ***notified***.

##### *Amendment*

***3. Member States shall ensure that the results of the analyses performed pursuant to Article 8 are published, made publicly available as soon as possible and included in the reports required under Article 13 of Directive 98/83/EC. Where the risk to human health cannot be regarded as trivial, the Member State, together with the responsible actor(s), shall ensure that consumers are alerted immediately and given complete***

*information related to the risk to human health and on how to cope with the problems encountered, which shall be published and made available on the internet as soon as possible. They shall also ensure that alternative uncontaminated water supplies are provided without delay.*

Or. en

**Amendment 9**

**Miroslav Mikolášik**

on behalf of the PPE Group

**Claudiu Ciprian Tănăsescu**

on behalf of the S&D Group

**Vladko Todorov Panayotov**

on behalf of the ALDE Group

**Michèle Rivasi**

on behalf of the Verts/ALE Group

**Sabine Wils**

on behalf of the GUE/NGL Group

Consolidated amendment replacing Amendments 78, 79, 25, 80, 82, 81

**Proposal for a directive**  
**Annex I**

*Text proposed by the Commission*

Parameter	Parametric value	Unit	Notes
<b>Radon</b>	<b>100</b>	Bq/l	
Tritium	<b>100</b>	Bq/l	
Total indicative dose	0,10	mSv/year	(Note 1)

*Note 1: Excluding tritium, potassium-40, radon and short-lived radon decay products*

*Amendment*

Parameter	Parametric value	Unit	Notes
<b><sup>222</sup>Rn</b>	<b>20</b>	Bq/l	
Tritium	<b>20</b>	Bq/l	
Total indicative dose <b>(from natural sources)</b>	0,10	mSv/year	(Note 1)
Total indicative dose <b>(from human activity sources)</b>	<b>0,01</b>	mSv/year	

*Note 1: Excluding tritium, potassium-40, radon and short-lived radon decay products*

Or. en

*(If this compromise is adopted, the parametric values contained in this compromise shall be applied to all other adopted amendments concerned.)*